CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Currently Amended) A battery-powered system for acquiring and transmitting data between two or more ~~fixed~~ **plant** locations relative to a detected condition and/or event in a plant, said system comprising:

- ~~positioning~~ at least one detector in said plant to detect a condition or event **mounted** at **a first** ~~the fixed~~ plant location**, said conditions and/or events including at least two or more of the conditions or events selected from the group consisting of emissions, temperatures, levels, and pressures**;

- ~~positioning~~ at least one battery-powered radio frequency transmitter **mounted** at **the first plant** ~~a fixed~~ location in said plant in electrical communication with said at least one ~~fixed~~ detector[[ ]], said transmitter having a transmittable identification code and ~~capable of~~ **wirelessly** transmitting signals relative to said identification code, the detector, and the battery **to a location remote from the first plant location**;

- a central processing location **remote from the first plant location** for receiving **and processing** signals from said ~~fixed~~ battery-powered transmitter **in electrical communication with said detector, said signals** relative to the identification code, a condition or event detected at **[[a]] the first** ~~fixed~~ location in said plant, and the battery; and

- at least one **second** ~~other~~ transmitter in communication with said central processing location, said **second** ~~other~~ transmitter **mounted at a second plant location** capable of **wirelessly** transmitting signals relative to a condition or event detected at **the second plant** ~~a fixed~~ location ~~in said plant~~ **to the central processing location**.

2. (Currently Amended) The system of Claim 1, further comprising at least one more detector and/or sensor to detect and/or sense a condition or event at a **third** ~~fixed~~ plant location.

3. (Previously Presented) The system of Claim 2, further comprising at least one transmitter in communication with said at least one more detector and/or sensor.

4. (Previously Presented) The system of Claim 3, wherein the one battery-powered radio frequency transmitter is a spread spectrum transmitter.

5. (Previously Presented) The system of Claim 4, wherein the one battery-powered radio frequency transmitter is a 900 megahertz spread spectrum transmitter.

6. (Previously Presented) The system of Claim 1, wherein the one battery-powered radio frequency transmitter is a 900 megahertz spread spectrum transmitter and transmits on predetermined time intervals.

7. (Previously Presented) The system of Claim 1, wherein said at least one other transmitter comprises a radio frequency transmitter.

8. (Previously Presented) The system of Claim 7, wherein said at least one other transmitter comprises a spread spectrum radio frequency transmitter.

9. (Previously Presented) The system of Claim 8, wherein said at least one other transmitter comprises a 900 megahertz spread spectrum radio frequency transmitter.

10. (Previously Presented) The system of Claim 4, wherein said at least one other transmitter comprises a 900 megahertz spread spectrum radio frequency transmitter.

11-18. (Canceled)

19. (Previously Presented) The system of Claim 1, wherein the at least one detector is positioned in communication with a pipe in said plant.

20. (Previously Presented) The system of Claim 1, wherein the at least one detector is positioned in communication with a valve in said plant.

21. (Previously Presented) The system of Claim 1, wherein the at least one detector is positioned in communication with an enclosure in said plant.

22. (Previously Presented) The system of Claim 1, wherein the at least one detector detects a temperature.

23. (Previously Presented) The system of Claim 1, wherein the at least one detector detects a pressure.

24. (Previously Presented) The system of Claim 1, wherein the at least one detector detects a level.

25. (Previously Presented) The system of Claim 21, wherein the at least on detector detects a level.

26. (Previously Presented) The system of Claim 23, further comprising at least a second detector in said plant, said second detector in electrical communication with at least one battery-powered radio frequency spread spectrum transmitter, said second detector detecting temperature.

27. (Previously Presented) The system of Claim 21, wherein the at least one detector detects emissions.

28. (Previously Presented) The system of Claim 21, wherein the at least one detector is an adsorption detector.

29. (Previously Presented) The system of Claim 1, wherein the at least one detector detects emissions.

30. (Previously Presented) The system of Claim 1, wherein the at least one detector is positioned in communication with a pipe enclosure.

31. (Previously Presented) The system of Claim 1, wherein the at least one detector is positioned in communication with a valve stuffing box enclosure.

32. (Currently Amended) The system of Claim 1 wherein the at least one detector is operable when a voltage from the battery is applied thereto, and the at least one battery powered radio frequency transmitter is a 900 megahertz spread spectrum radio frequency transmitter, said transmitter transmitting signals on predetermined time intervals, and transmits, when appropriate a low ~~batter~~ **battery** transmission signal.

33. (Currently Amended) A battery-powered system for monitoring and/or detecting events and/or conditions in a plant, said system comprising:

an exhaustible power source comprising a battery, said battery supplying a voltage;

a detector **mounted** ~~located~~ at a **first** ~~fixed~~ location in the plant, said detector operable when voltage **from the battery** is applied thereto and monitoring and/or detecting an event and/or a condition in the plant relating to an enclosure and/or an enclosed material in the plant;

a first transmitter **mounted** ~~located~~ at **the first** ~~a fixed~~ location in the plant, said transmitter operable when voltage **from the battery** is applied thereto, said transmitter in electrical communication with the detector, the transmitter **wirelessly** transmitting signals relating to an event and/or condition monitored and/or detected by the detector from **[[a]] the first** location in the plant, and said transmitter **wirelessly** transmitting, when appropriate, a low battery signal;

a second exhaustible power source comprising a battery, said battery supplying a voltage;

a second transmitter **mounted** ~~**located**~~ at **a second** ~~**another**~~ ~~**fixed**~~ location in the plant **remote from the first location**, said transmitter operable when a voltage is applied thereto by the second **battery** ~~**exhaustible power source**~~, said transmitter **wirelessly** transmitting signals relating to a monitored and/or detected event and/or condition in the plant, and said transmitter **wirelessly** transmitting, when appropriate, a low battery signal; and

a central processing location **remote from the first and second plant locations** for receiving ~~**said**~~ signals from said first and second transmitters.

34. (Previously Presented) A system according to Claim 33, wherein the monitored and/or detected event and/or condition relates to an enclosure and the enclosure is a pipe.

35. (Previously Presented) A system according to Claim 33, wherein the monitored and/or detected event and/or condition relates to an enclosure and the enclosure is a valve stuffing box.

36. (Previously Presented) A system according to Claim 33, wherein the monitored and/or detected event and/or condition relates to an enclosure.

37. (Previously Presented) A system according to Claim 33, wherein the monitored and/or detected event or condition relates to an enclosed material.

38. (Previously Presented) A system according to Claim 37, wherein the enclosed material is a liquid and the detector monitors and/or detects level.

39. (Previously Presented) A system according to Claim 33, wherein the detector monitors and/or detects pressure.

40. (Previously Presented) A system according to Claim 33, wherein the detector monitors and/or detects temperature.

41. (Previously Presented) A system according to Claim 33, wherein the detector monitors and/or detects more than one event and/or condition.

42. (Previously Presented) A system according to Claim 33, wherein the event and/or condition relates to an enclosure and the detector monitors and/or detects emissions from the enclosure.

43. (Previously Presented) A system according to Claim 42, wherein the detector further monitors and/or detects temperature.